

Title (en)

INTERNAL CROSSTALK COMPENSATION CIRCUIT FORMED ON A FLEXIBLE PRINTED CIRCUIT BOARD POSITIONED WITHIN A COMMUNICATIONS OUTLET, AND METHODS AND SYSTEMS RELATING TO SAME

Title (de)

AUF EINER IN EINEM KOMMUNIKATIONSANGANG POSITIONIERTEN BESTÜCKTEN LEITERPLATTE POSITIONIERTE INTERNE ÜBERSPRECHUNGSKOMPENSATIONSSCHALTUNG SOWIE VERFAHREN UND SYSTEME IN ZUSAMMENHANG DAMIT

Title (fr)

CIRCUIT DE COMPENSATION DE DIAPHONIE INTERNE FORME SUR UNE CARTE DE CIRCUIT IMPRIME SOUPLE POSITIONNEE DANS UNE PRISE DE COMMUNICATION, ET PROCEDES ET SYSTEMES ASSOCIES A CE CIRCUIT

Publication

EP 2191541 A2 20100602 (EN)

Application

EP 08831802 A 20080919

Priority

- US 2008077138 W 20080919
- US 97367507 P 20070919

Abstract (en)

[origin: WO2009039459A2] A communications outlet includes eight outlet tines positioned adjacent to one another and define four pairs of outlet tines. The fourth and fifth outlet tines define a first pair, the first and second outlet tines define a second pair, the third and sixth outlet tines define a third pair, and the seventh and eighth outlet tines define a fourth pair. Each outlet tine has a free end near which a plug tine is adapted to contact the outlet tine and each outlet tine has a fixed end coupled through a corresponding conductive tine to a corresponding electrical contact. The communications outlet includes an internal crosstalk compensation stage having a plurality of conductive fingers. Each conductive finger is physically connected to a corresponding one of the outlet tines proximate the free ends of the tines. The internal crosstalk compensation stage is operable to provide positive compensation for internal crosstalk between pairs corresponding to the tines to which the conductive fingers of the flexible printed circuit board are attached.

IPC 8 full level

H01R 13/514 (2006.01); **H01R 13/56** (2006.01)

CPC (source: EP US)

H01R 13/6466 (2013.01 - EP US); **H01R 4/242** (2013.01 - EP US); **H01R 24/64** (2013.01 - EP US); **H05K 1/0228** (2013.01 - EP US); **H05K 1/0239** (2013.01 - EP US); **H05K 1/147** (2013.01 - EP US); **H05K 1/162** (2013.01 - EP US); **H05K 1/189** (2013.01 - EP US); **H05K 2201/10189** (2013.01 - EP US); **Y10S 439/949** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009039459 A2 20090326; **WO 2009039459 A3 20090507**; BR PI0816838 A2 20150317; CA 2699970 A1 20090326; CA 2699970 C 20151229; CN 101796694 A 20100804; CN 101796694 B 20130911; EP 2191541 A2 20100602; EP 2191541 A4 20110330; EP 2191541 B1 20200429; KR 20100074141 A 20100701; MX 2010002254 A 20100325; US 2009104821 A1 20090423; US 7824231 B2 20101102

DOCDB simple family (application)

US 2008077138 W 20080919; BR PI0816838 A 20080919; CA 2699970 A 20080919; CN 200880106029 A 20080919; EP 08831802 A 20080919; KR 20107005980 A 20080919; MX 2010002254 A 20080919; US 23459708 A 20080919